

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

WINTER et al

Atty. Ref.: 620-3

Serial No. 08/332,046

TC/A.U.: 1636

Filed: November 1, 1994

Examiner: KETTER, James S.

For: SINGLE DOMAIN LIGANDS, RECEPTORS COMPRISING
SAID LIGANDS, METHODS FOR THEIR PRODUCTION
AND USE OF SAID LIGANDS AND RECEPTORS

* * * * *

October 21, 2010

**Office of Initial Patent Examination's
Filing Receipt Corrections**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

SECOND REQUEST FOR CORRECTION OF CORRECTED FILING RECEIPT

Receipt of the Corrected Filing Receipt mailed October 18, 2010 is hereby acknowledged. The undersigned notes however that the requested changes have not been made. The Office is again requested to provide a Corrected Filing Receipt with the corrections noted in the attached copy of the Request for Correction of Corrected Filing Receipt filed October 6, 2010. The Office is requested to advise the undersigned if anything further is required in this regard.

WINTER et al
Serial No. 08/332,046
Atty. Ref.: 620-3
October 21, 2010
SECOND REQUEST FOR CORRECTION OF CORRECTED FILING RECEIPT

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: /B. J. Sadoff/
 B. J. Sadoff
 Reg. No. 36,663

BJS:pp
901 North Glebe Road, 11th Floor
Arlington, VA 22203-1808
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

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In re Patent Application of

WINTER et al

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AND USE OF SAID LIGANDS AND RECEPTORS

* * * * *

October 6, 2010

**Office of Initial Patent Examination's
Filing Receipt Corrections**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REQUEST FOR CORRECTION OF CORRECTED FILING RECEIPT

Receipt of the Corrected Filing Receipt mailed October 1, 2010, is hereby acknowledged. The Office is requested to provide a new Corrected Filing Receipt which does not list "UNITED STATES OF AMERICA PCT/GB89/01344 11/13/1989" under Foreign Applications. Attached is a copy of a Corrected Filing Receipt issued in grandparent application No. 07/580,374 and Declaration filed in parent application No. 07/796,805, wherein "UNITED STATES OF AMERICA PCT/GB89/01344 11/13/189" is not listed as a foreign priority application. The new Corrected Filing Receipt should also indicate under "Power of Attorney" the patent practitioners listed on the attached Identification of Practitioners to Be Recognized. The attached copy of the Declaration includes the noted practitioners. Also attached is a marked-up copy of the Corrected Filing Receipt mailed October 1, 2010, wherein the requested changes are shown in

WINTER et al

Appln. No. 08/332,046

Atty. Ref.: 620-3

October 6, 2010

REQUEST FOR CORRECTION OF CORRECTED FILING RECEIPT

hand written-text. The Office is requested to advise the undersigned if anything further is required in this regard.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: /B. J. Sadoff/

B. J. Sadoff

Reg. No. 36,663

BJS:pp

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
08/332,046	11/01/1994	1636	1126	620-3	31	1

CONFIRMATION NO. 4509

CORRECTED FILING RECEIPT



0000000043809957

23117
NIXON & VANDERHYE, PC
901 NORTH GLEBE ROAD, 11TH FLOOR
ARLINGTON, VA 22203

Date Mailed: 10/01/2010

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Applicant(s)

GREGORY P. WINTER, CAMBRIDGE, UNITED KINGDOM;
ELIZABETH S. WARD, CAMBRIDGE, UNITED KINGDOM;
DETLEF GUSSOW, CAMBRIDGE, UNITED KINGDOM;

Power of Attorney:

~~Thomas Dymo 32205~~ *Arthur R. Crawford -- 25329; James T. Hasmer -- 30184;*

Domestic Priority data as claimed by applicant

Leonard C. Mitchard -- 29009;
This application is a CON of 07/796,805 11/25/1991 ABN *H. Warren Burnham, Jr. --*
which is a DIV of 07/580,374 09/11/1990 ABN
which is a CON of PCT/GB89/01344 11/13/1989

Foreign Applications

UNITED KINGDOM 8826444.5 11/11/1988
UNITED KINGDOM 8906034.7 03/16/1989
UNITED KINGDOM 8909217.5 04/22/1989
UNITED KINGDOM 8911047.2 05/15/1989
UNITED KINGDOM 8912652.8 06/02/1989
UNITED KINGDOM 8913900.0 06/16/1989
UNITED KINGDOM 8918543.3 08/15/1989
~~UNITED STATES OF AMERICA PCT/GB89/01344 11/13/1989~~

Jeffrey H. Nelson -- 29366;
30481

If Required, Foreign Filing License Granted: 10/01/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 08/332,046**

COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	TOT CLAIMS	IND CLAIMS
07/580,374	09/11/1990	1813	0.00	292-24	32	4

CONFIRMATION NO. 5571

CORRECTED FILING RECEIPT

23117
NIXON & VANDERHYE, PC
901 NORTH GLEBE ROAD, 11TH FLOOR
ARLINGTON, VA 22203



Date Mailed: 03/30/2009

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

GREGORY P. WINTER, CAMBRIDGE, UNITED KINGDOM;
ELIZABETH S. WARD, CAMBRIDGE, UNITED KINGDOM;
DETLEF GUSSOW, CAMBRIDGE, UNITED KINGDOM;

Power of Attorney:

Arthur Crawford--25327 Robert Faris--31352
Robert Vanderhye--27076 Michael Keenan--32106
Stanley Spooner--27393
Leonard Mitchard--29009
Bryan Davidson--30251

Domestic Priority data as claimed by applicant

This application is a CON of PCT/GB89/01344 11/13/1989

Foreign Applications

UNITED KINGDOM 8826444.5 11/11/1988
UNITED KINGDOM 8906034.7 03/16/1989
UNITED KINGDOM 8909217.5 04/22/1989
UNITED KINGDOM 8911047.2 05/15/1989
UNITED KINGDOM 8912652.8 06/02/1989
UNITED KINGDOM 8913900.0 06/16/1989
UNITED KINGDOM 8918543.3 08/15/1989

If Required, Foreign Filing License Granted: 03/21/2009

COPY

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 07/580,374**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

SINGLE DOMAIN LIGANDS, RECEPTORS COMPRISING SAID LIGANDS, METHODS FOR THEIR PRODUCTION AND USE OF SAID LIGANDS AND RECEPTORS

Preliminary Class

435

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

COPY

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SINGLE DOMAIN LIGANDS, RECEPTORS COMPRISING SAID LIGANDS, METHODS FOR THEIR PRODUCTION AND USE OF SAID LIGANDS AND RECEPTORS
the specification of which (check applicable box(es)):

[] is attached hereto.

(X) was filed on November 25, 1991 as U.S. Application Serial No. 07/796,805

11 was filed as PCT international application No. PCT/_____ on _____

and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefit under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Prior Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
8826444.5	United Kingdom	11 November 1988
8906034.7	United Kingdom	16 March 1989
8909217.5	United Kingdom	15 May 1989
8911047.2	United Kingdom	15 May 1989
8912652.8	United Kingdom	2 June 1989
8913900.0	United Kingdom	16 June 1989
8918543.3	United Kingdom	15 August 1989

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	pending, abandoned
07/580,374	11 September 1990	Abandoned (Pending as of filing date of SN 07/796,805)
PCT/GB89/01344	13 November 1989	Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Paris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 32051; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Paul J. Henon, 33626; Jeffrey H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr., 29368; Thomas E. Byers, 32205.

3) Inventor's Signature [Signature] Date 4.3.93
Inventor's Name (typed) Dettlef GUSSOW German
First Middle Initial Family Name Citizenship
Residence (City) LONDON (State/Foreign Country) ENGLAND
Post Office Address 17 FROGNAL LANE, LONDON Zip Code NW3 7DG

4) Inventor's Signature _____ Date _____
Inventor's Name (typed) _____
First Middle Initial Family Name Citizenship
Residence (City) _____ (State/Foreign Country) _____
Post Office Address _____ Zip Code _____

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

RULE 63 (37 C.F.R. 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

Nixon & Vanderhye P.C. (6/92)

COPY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SINGLE DOMAIN LIGANDS, RECEPTORS COMPRISING SAID LIGANDS, METHODS FOR THEIR PRODUCTION AND USE OF SAID LIGANDS AND RECEPTORS
the specification of which (check applicable box(s)):

☐ is attached hereto.

☒ was filed on November 25, 1991 as U.S. Application Serial No. 07/796,805

☐ was filed as PCT international application No. PCT/ on

and (if applicable to U.S. or PCT application) was amended on

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Prior Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
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8918543.3	United Kingdom	15 August 1989

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Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented, pending, abandoned
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PCT/GB89/01344	13 November 1989	Abandoned

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And I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosner, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Paul J. Henon, 33626; Jeffery H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr., 29366; Thomas B. Byrne, 32205.

1) Inventor's Signature G.P. Winter Date 4/3/93
Inventor's Name (typed) Gregory P. WINTER British
First Middle Initial Family Name Citizenship
Residence (City) Cambridge (State/Foreign Country) England
Post Office Address 64 Cavendish Avenue, Cambridge Zip Code CB1 4UT

2) Inventor's Signature Elizabeth S. Ward Date 12/3/93
Inventor's Name (typed) Elizabeth S. WARD British
First Middle Initial Family Name Citizenship
Residence (City) DALLAS (State/Foreign Country) TEXAS, USA
Post Office Address 12856 NOEL RD, APT 2099 Zip Code 75230

FOR ADDITIONAL INVENTORS, check box ☒ and attach sheet with same information and signature and date for each.

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In re Patent Application of

WINTER et al

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METHODS FOR THEIR PRODUCTION AND USE OF SAID LIGANDS AND
RECEPTORS

* * * * *

October 6, 2010

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

IDENTIFICATION OF PRACTITIONERS TO BE RECOGNIZED

Of the Patent Practitioners identified in the concurrently filed Power of Attorney,
please recognize the following listed Patent Practitioners as being of record in the
above-identified application/patent.

Listing of Practitioners of Record (No more than 10)

Arthur R. Crawford	Reg. No. 25327
James T. Hosmer	Reg. No. 30184
Leonard C. Mitchard	Reg. No. 29009
H. Warren Burnam, Jr.	Reg. No. 29366
Jeffrey H. Nelson	Reg. No. 30481

WINTER et al
Appln. No. 08/332,046
Atty. Ref.: 620-3
October 6, 2010
IDENTIFICATION OF PRACTITIONERS TO BE RECOGNIZED

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: /H. Warren Burnam, Jr./
H. Warren Burnam, Jr.
Reg. No. 29,366

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